

Notice of Allowability

Application No.

10/083,023

Examiner

Ting Zhou

Applicant(s)

MIKSOVSKY ET AL.

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 16 July 2002.
2. ☒ The allowed claim(s) is/are 1-21 and 32-63.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 3/22/2002
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. Claims 1-63 are pending.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Peter Chu (Registration No. 41,676) on 3 February 2005.

3. The application has been amended as follows:
4. Claims 22-31 are cancelled.
5. Figure 1 is amended to include the label "Prior Art". The approved amendment is shown in Figure 1 of the attached drawing sheets.
6. Figure 2 is amended to include the label "Prior Art". The approved amendment is shown in Figure 2 of the attached drawing sheets.
7. Figure 3A is amended to include the label "Prior Art". The approved amendment is shown in Figure 3A of the attached drawing sheets.
8. Figure 3B is amended to include the label "Prior Art". The approved amendment is shown in Figure 3B of the attached drawing sheets.
9. Figure 3C is amended to include the label "Prior Art". The approved amendment is shown in Figure 3C of the attached drawing sheets .

10. Figure 3D is amended to include the label "Prior Art". The approved amendment is shown in Figure 3D of the attached drawing sheets.

Allowable Subject Matter

11. The following is an examiner's statement of reasons for allowance:

The present application teaches an architectural software framework for creating Web-style application software, including one or more page functions, which communicate via a frame, the application software capable of expanding and interfacing with other Web-style programs. Each independent claim identifies the distinct feature of a frame having a set of frame services including a navigate service and a finish service, the navigate service being invocable by a page function to cause the frame to invoke the activate service of another page function and cause the other page function to perform a task, the finish service being invocable by the other page function to cause the frame to invoke the complete service of the page function. The closest prior art, "Microsoft Inductive User Interface Guidelines" teaches a set of page function services including an activate service and a complete service (the navigational concept called process allows users performing a task to click on a link to a secondary task that moves away from the sequence of screens that make up the primary task, and returning the user directly to the branching point in the original task when the user completes the secondary task) (pages 3-4 and 12) and a frame having a set of frame services including a navigate service and a finish service (displaying user interface pages in a shared frame with tools for moving back and forward through a navigational structure) (page 4). The prior art fails to teach a frame user interface page having a region for showing the user interface page selectively bound to the page function

having a first subset of the set of exposed attributes defining types of information receivable by the page function and a second subset of the set of exposed attributes defining types of information returnable by the page function, the navigate service of the frame being invocable by a page function to cause the frame to invoke the activate service of another page function and cause the other page function to perform a task, and the finish service being invocable by the other page function to cause the frame to invoke the complete service of the page function. Therefore, the prior art fails to anticipate or render the above limitations obvious.

12. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

13.

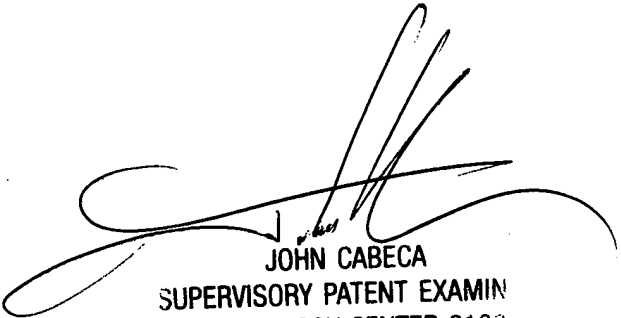
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 8:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-4058.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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